

WHAT IS CLAIMED IS:

1 1. A method for retrieving content from a mobile terminal operating as
2 a server within a network, comprising:
3 receiving a request for data from the network;
4 modifying parameters of the request to indicate that the mobile terminal is
5 the source of the content;
6 forwarding the modified request to the mobile terminal; and
7 supplying content from the mobile terminal in response to the modified
8 request.

1 2. The method according to Claim 1, wherein the request is addressed
2 to the mobile terminal by using a Mobile Station International Integrated Services Digital
3 Network Number (MSISDN) associated with the mobile terminal.

1 3. The method according to Claim 2, wherein modifying the
2 parameters of the request comprises:
3 removing the MSISDN transmitted with the request; and
4 replacing the MSISDN with a keyword that denotes the mobile terminal as
5 a data server.

1 4. The method according to Claim 1, wherein forwarding the modified
2 request to the mobile terminal comprises using a Session Initiation Request (SIR).

1 5. The method according to Claim 4, wherein the SIR requests the
2 mobile terminal to establish a Transmission Control Protocol (TCP) connection with a
3 network proxy prior to supplying content from the mobile terminal.

1 6. The method according to Claim 1, wherein forwarding the modified
2 request to the mobile terminal comprises using a Service Loading (SL) content type.

1 7. The method according to Claim 6, wherein the SL content type
2 comprises:
3 an action field indicating that the mobile terminal is a data server;
4 a pathname that indicates where the content is located within the mobile
5 terminal;
6 a username to identify the requesting network element; and
7 a password associated with the username.

1 8. The method according to Claim 7, wherein the username includes
2 the MSISDN of the requesting terminal.

1 9. A mobile server system, comprising:
2 a network terminal coupled to transmit a content request;
3 a proxy coupled to receive the content request and arranged to modify the
4 content request; and
5 a mobile terminal coupled to the proxy to receive the modified request,
6 wherein the modified request indicates that the mobile terminal is operating as a mobile
7 server to provide the requested content to the network terminal.

1 10. The mobile server system according to Claim 9, wherein the proxy
2 modifies the content request by replacing a Uniform Resource Locator (URL) of the
3 content request with a keyword denoting the mobile terminal as the mobile server.

1 11. The mobile server system according to Claim 10, wherein the proxy
2 utilizes Wireless Application Protocol (WAP) procedures to establish a connection with
3 the mobile terminal.

1 12. The mobile server system according to Claim 11, wherein the WAP
2 procedure includes a Session Initiation Request (SIR).

1 13. The mobile server system according to Claim 12, wherein the SIR
2 requests establishment of a Transmission Control Protocol (TCP) connection prior to
3 providing the requested content to the network terminal.

1 14. The mobile server system according to Claim 11, wherein the WAP
2 procedure includes a Service Loading (SL) content type.

1 15. The method according to Claim 14, wherein the SL content type
2 comprises:

3 an action field indicating that the mobile terminal is a data server;
4 a pathname that indicates where the content is located within the mobile
5 terminal;

6 a username to identify the network element; and
7 a password associated with the username.

1 16. A mobile terminal wirelessly coupled to a network which includes a
2 network element capable of relaying modified content requests to the mobile terminal, the
3 mobile terminal comprising:

4 a memory capable of storing at least a protocol module and a server
5 directory containing requested content;
6 a processor coupled to the memory and configured by the protocol module
7 to provide the requested content to the network element in response to the modified
8 content request; and

9 a transceiver configured to facilitate the requested content exchange with
10 the network element, wherein the modified content request received from the network
11 element indicates that the mobile terminal is a server for the requested content.

1 17. A computer-readable medium having instructions stored thereon
2 which are executable by a mobile terminal for supplying content by performing steps
3 comprising:
4 receiving a content request;
5 identifying a first parameter in the content request designating the mobile
6 terminal as a content server; and
7 identifying a second parameter in the content request designating a location
8 of the content to be supplied.

1 18. A proxy within a network used to facilitate content retrieval from a
2 mobile server, comprising:
3 means for receiving content requests;
4 means for modifying the content requests;
5 means for transmitting the modified content requests to the mobile server;
6 and
7 means for receiving content from the mobile server in response to the
8 modified content request.

1 19. A computer-readable medium having instructions stored thereon
2 which are executable by a network proxy for facilitating content retrieval from a mobile
3 server by performing steps comprising:
4 receiving content requests from network elements;
5 modifying the content requests to designate a mobile terminal as the mobile
6 server;
7 forwarding the modified content requests to the mobile terminal; and
8 receiving content from the mobile terminal in response to the modified
9 content requests.